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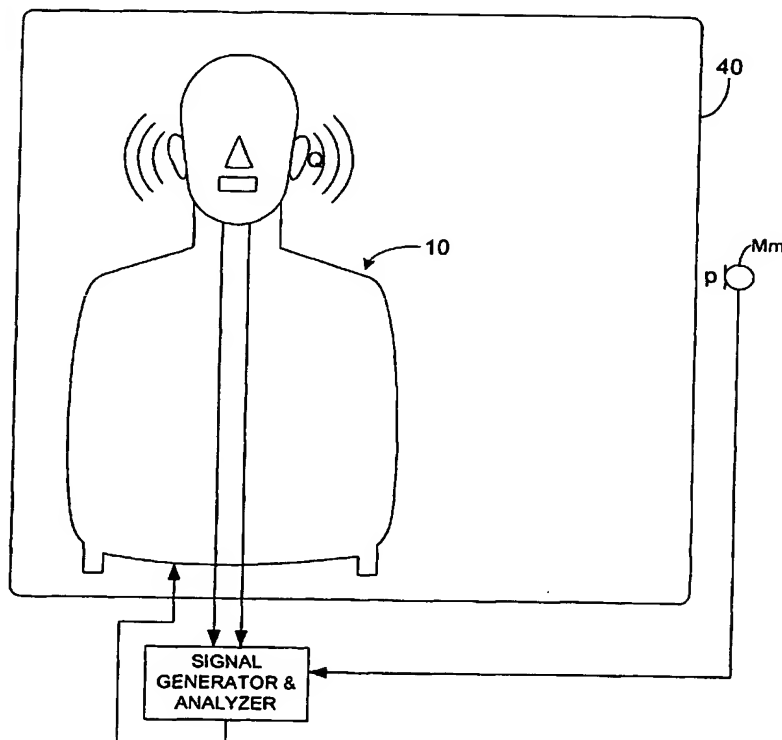
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(54) Title: A METHOD AND DEVICE FOR DETERMINING ACOUSTICAL TRANSFER IMPEDANCE



(57) Abstract: The method comprises generating an acoustical volume velocity Q in the listening position, measuring a response quantity p , such as sound or vibration, at a suspected source position resulting from the volume velocity Q , and determining the acoustical transfer impedance Z_t as the response quantity p divided by the acoustical volume velocity Q , $Z_t = p/Q$. According to the invention the acoustical volume velocity Q is generated using a simulator (10) simulating acoustic properties of at least a head of a human being, the simulator comprising a simulated human ear (14, 15) with an orifice in the simulated head and a sound source (30) for outputting the acoustical volume velocity Q through the orifice. The output volume velocity Q from the orifice of an ear is estimated from measurements with two microphones inside the corresponding ear canal.



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